

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
Subject: 100V Lives!
Message-ID: <199611132314.RAA10650@lesol1.dseg.ti.com>

Greetings,

After nearly two weeks of disassembling, cleaning, looking for defective parts, reforming electrolytics and reassembling everything, I finally applied power to the 100V this afternoon. Wow, it actually works!

Sure there are a few problems, like the carrier doesn't balance out properly and 15 meters doesn't work, but the RF chain in the darned thing actually works and it has full output. It's kinda neat to see the broadband final at work. It's amazing to go from band to band with full output and no tuning. (Oh sure, some riceboxes can do that, but have no soul.)

My impression of this radio is that it may have been fully operational when stored away many years ago. Or then again, the open 6 ufd electrolytic in the balanced modulator may have prompted it to go into storage... At any rate, despite lots of corrosion and dirt, all the major components work just fine.

Now for some troubleshooting..., then putting the other half-a-zillion screws back into everything..., then I'll still have to clean up and maybe paint the cabinet... Also, gonna have to figure out a way measure harmonic content since I'm feeding a multi-band antenna... Ahhh, life is good. ;-)

Regards,
Bill Sorsby, N5BU bill.sorsby@dlep1.itg.ti.com
Grapevine, TX 76051

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: mknudsen@lucent.com
Subject: Re: 3579 tonight....
Message-ID: <9611131746.AA07020@bock.ih.lucent.com>

Hi guys. I read the mail last nite starting around 9:15 CST, that would be 0315 GMT. The Swan was behind some other stuff, so I just practiced using the new CW filter in the 75A4. Heard NA4G, WS4S, VA3LK and maybe another one. QSB wud occasionally knock a hole in the copy.

Ya do have to be careful using too much selectivity on a CW net,

due to differences in tx freqs. Nobody was drifting though.

I could swing the passband tuning and choose between your QSO and W1AW, which seems to operate 3582 or so -- first time I've actually measured the difference. You guys were all very close to the color TV freq, but last week I worked someone also BA down around 3575.

In fact I think there was another QSO going on near the BA freq at times.

I have a couple of coax relays and a color TV rock for the Viking II, so will hopefully get something more BA-ish than the Swan up there.
73, mike k aa9rg

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: 390A Audio
Message-ID: <328A6A49.5845@vifp.monash.edu.au>

Hi all,

Dan Martin wrote:

> did get several inquiries
> about my "more-heat-in-the-shack" comment on the 390A audio mod. I
> sometimes forget all of us aren't ER readers. This audio mod was
> described in ER issue Number 42, Oct. 1992. The mod uses an Amperex/RCA
> twin tetrode, a 6360, as the new final audio amp along with several other
> significant circuit changes. The author claims over 5 watts out, a THD of
> less than .5%, and a flat response from 70 hertz to 9 kilohertz.

When I got my '390A it came with an 8 ohm speaker and the audio sounded terrible. Once I realised the output impedance was 600 ohms, I replaced the output transformer with a 10K/8ohm one from the "JB". The new unit was a little larger than the old one and unshielded so it had to be oriented to avoid hum pick up from the adjacent filter choke.

It sounds pretty good now, even with the low power output. I suspect the little speaker I'm using degrades the sound more than the electronics. Broadcast audio sounds very good in the 16 kc bandpass position.

The modification has the advantage of being fully reversible although that doesn't concern me all that much. I've got no intention of parting with the beast for the next 40 years at least!

Morris VK3DOC
morriso@vifp.monash.edu.au

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: Claudio Marchesini <cmar@datamat.it>
Subject: 51S-1 frame's paint colour
Message-ID: <199611131112.AA20754@relay.iunet.it>

Hi gang,
I'm a new subscriber. I'm restoring three 51S-1, Collins general coverage receivers, my question is about the original paint colour. Cabinets are grey, OK.
What about frame's paint colour? Two of such equipments (RE, coming from an Italian Army depot) have been painted with a sort of yellowish-ivory colour. The third one (WE, coming from Germany) is a a sort of clear-greenish, like mold.
Wich colour is the original? Could anybody help me?
Thanks to all.

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        //\\\
      (##  ##)
:-----o00-( )-00o-----:
:   Claudio Marchesini   :
:   DATAMAT S.p.A.       :
:   Via Laurentina, 760   :
:   00143 ROMA - ITALY   :
:                           :
:   cmar@datamat.it      :
:   Voice:39-6-50274240   :
:   Fax:39-6-5020333     :
:-----:

```

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: re:51S-1 frame's paint colour
Message-ID: <s289fb54.060@nms.com>

re>I'm restoring three 51S-1, Collins general coverage receivers, <snip>
>Two of such equipments (RE, coming from an Italian Army depot) have
>been painted with a sort of yellowish-ivory colour. The third one (WE,
>coming from Germany)

That's were all the 51S-1's went!... They're all in Europe!!!!

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: w4bld@juno.com (Robert B. Kerby)
Subject: 5BDP7 CRT AVAILABLE
Message-ID: <19961113.162916.5071.9.W4BLD@juno.com>

Howdy Guys - I have a new-in-the-box DuMont CRT. Anybody need this tube?

Robert B. Kerby - W4BLD
Post Office Box 991
Waynesboro, VA 22980 - w4bld@juno.com - (540) 942-4356
I collect Morrow, Elmac and Gonset. I frequent the AM Swap Net on 3885
on Thurs
at 1930 and 3865 nets on Wed and Sat at 2000. Try the DX-60 Net on 7290
Sun at 1400!

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: jschwart@ix.netcom.com (John Schwartzberg)
Subject: 75A-3 Filters
Message-ID: <199611131635.IAA28954@dfw-ix4.ix.netcom.com>

Hey Gang -

I am the proud new owner of a 75A-3 receiver, which looks nice with my 32V-2 transmitter. Gee, it works pretty well, too. It's in need of a minor alignment to make the dial accurate on all bands, but otherwise it is in excellent condition. It has the standard 3.1 kc mechanical filter in it, and works very well for general use. However, I must say that it does not do justice to beautiful AM signals with that filter. On other modes, it performs as I expected...

Not being a real Collins snob, collector, or even a guru, I'd like to know if there was an AM mechanical filter for it. The manual, dated January 1953, references the 800 cycle CW filter in addition to the stock 3.1 kc general purpose filter. Was there a 600 or so kc filter for AM use? If so, what is the Collins part number or designation? If they exist, can AM filters be found, and what kind of prices might I expect to pay? Fair Radio does not, and never has had, such a filter, and the guy I talked to did not know if they existed for the A-3.

Usual warnings apply - I am not a Collins collector (OK, I have a transmitter and receiver). I am not interested in museum quality Collins

stuff. I do not really care about Serial Numbers. I like the stuff and use it on the air very regularly. Just to make clear my interest...

Anyway, thanks as usual to the fine group. Your collective help is always appreciated...

73,

John
NOGII

Denver, CO

jschwart@ix.netcom.com

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: mknudsen@lucent.com
Subject: Re: 75A-3 Filters
Message-ID: <9611132113.AA07244@bock.ih.lucent.com>

Brings up the interesting question: Are 75A3 and -4 filters compatible? Given the prices one has to pay for A4 filters, I'd guess not.

Do the 75A3 filters look like big shotgun shells or 60-Amp fuses, and plug into 9-pin miniature tube bases? If so, they might be compatible. In which case 75A4 owners will start looking for A3 filters, not the reverse (unless A3 filters are *really* rare).

I just paid plenty for an A4 CW filter. It really works great, must say, and it's nice to have all three BWs (CW, SSB, and AM) equipped.

BTW, you can copy AM decently on a 3-KC filter by detuning either side until just before the carrier drops out of the passband (noted by the S-meter's dropping off). It will distort, but be easy copy. You can also pretend it's SSB -- turn on BFO, and detune the carrier right off the edge of the 3 KC filter. Sort of synchronous detection with fleshware feedback loop.

73, mike k aa9rg

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Glenn Finerman <GFINER@nms.com>
Subject: re:75A-3 Filters

Message-ID: <s289fd9d.065@nms.com>

Hello John...Congrats on the excellent receiver purchase!!
I've got a 75A-3 also, needs some restoration...

On the filter.....

re> Fair Radio does not, and never has had, such a filter, and the guy I
>talked to did not know if they existed for the A-3.

The 75A-3 uses a 455kcs IF, so the filters for the R390 that Fair sells,
will work. Just a matter of physical mounting and input / output lead
isolation. It is possible!!

73.....Glenn N2BJG gfiner@nms.com

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: pmills@A.crl.com (Phil Mills)
Subject: Re: 75A-3 Filters
Message-ID: <199611132343.AA21732@A.crl.com>

Mike, they are not "plug compatible" so to speak. They have different
case styles. As far as I know, the 75A4 is the only receiver that uses
the 9-pin tube base flavor. The 75A3 case style is identical to that
used on the 51J4 but with a different i.f. frequency (A3 - 455 kc.,
J4 - 500 k.c.).

thanks & 73,
Phil

>Brings up the interesting question: Are 75A3 and -4 filters
>compatible? Given the prices one has to pay for A4 filters,
>I'd guess not.

>

>Do the 75A3 filters look like big shotgun shells or 60-Amp
>fuses, and plug into 9-pin miniature tube bases?

>If so, they might be compatible.

>In which case 75A4 owners will start looking for A3 filters,
>not the reverse (unless A3 filters are *really* rare).

>

Phil Mills, AB5TH ***** Wanted --- 1957 ARRL Handbook *****
pmills@a.crl.com
713-992-5762
Friendswood, TX (south of Houston)

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Takashi Maeba <maeba@pas_b.ti.kshosen.ac.jp>
Subject: Re: 75A-3 Filters
Message-ID: <9611140050.AA25984@pas_b.ti.kshosen.ac.jp>

Hello 75A-3 fans.

I think the CPN of AM filter for A-3 is F455B-60. It looks like 51J-4's filter, not miniature tube type.

Takashi maeba@ti.kshosen.ac.jp

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: W2CRS@aol.com
Subject: AF-67 and owner need HELP!
Message-ID: <961113160544_1484309603@emout14.mail.aol.com>

Hi mentors,

This rookie troubleshooter spent all morning trouble shooting the AF-67 that flashed over last night, just as I was getting ready for the 3579 KHz BA net. It had been working FB on AM just a few minutes earlier. To key the AF-67, I've found it necessary to push the mike plug part way into the jack with the keyer plug all the way into the jack. I was on CW just the other night this way. Last night, I forgot to switch the AF-67 from AM to CW when I was pushing the two plugs in the way that had worked before, but I'm not sure that is related to the problem because I think maybe I did the same before. Anyway, there was a flash-pop and the 4 A fuse in the PS blew as I was getting the key and mike plugged in so that it would key.

A replacement fuse also immediately blew.

Here's what I discovered this morning. C105, a .001 1000V old style tubular ceramic from pin 12 to ground (B+ on the power-control jack of the AF-67) had blown apart. Searching further, R53, a 25K 10W resistor in the screen circuit of the 6146 is open. C105, another oldstyle .001 tubular ceramic is charred at one end and is leaky with a resistance of 15K. The schematic shows C105 going from the P1 side of the same screen circuit to ground, but, in fact, it is mounted on the other side of the R54, the P2 side, to ground. All the tubes test OK and nothing else amiss was found.

Perhaps someone with an AF-67 or AF-67 schematic can try to make this a learning experience for me. What has happened and why????? I can replace the three components described above, but should I look further for problems? Also, what are the present day replacements for these old 1000V tubular ceramics?

Thanks for your help. I sure hope to get back on the air soon.

73, Doug W0AH (always helpless, no, no, no, that's not my phonetics)

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: drhydro@ames.net (Paul Nelson)
Subject: ARC B-10 Converter
Message-ID: <v01540b01aeaffce30c9c@[1.1.1.1]>

>Does anyone know what the B-10A converter was. The unit I have is about
>the size of a command set with 3 12AT7 and one 12AX7 tubes. In the back
>are several old 1N34 diodes.

>The front of the unit has a nameplate that says it was made by the
>Aircraft Radio Company, Boonton, NJ. A Navy anchor is stamped on the
>case and a nice red ARC medallion also appears.

>Just curious,

>Earl Landry - K5EID

Waaal,, ah guess a delayed reply is better than none... darn, I wish I
could get these msgs in realtime instead of digest, but I'm afraid I'd
spend all me time thinking about BAs instead of production line stuff...

The B-10 converter is a VHF omnirange navigation converter. It's used in
the commercial version of the ARN-30 set; mounted in a two-place
command-set style rack with a VHF receiver tuning 108-118 MCs, converting
the signals found in that band to left-right and to-from indications
controlled by an indicator with an autosyn connected to a compass bearing
pointer. You set the bearing on the indicator, and it tells you whether
you're left or right of a course to or from the station.

I have a couple of 'em.

Actually, I'm starting to collect the ARC gray-box stuff... if youse guys
have some of these things and you'd like to reclaim the space they take up,
let me know..... BA aircraft radio stuff is of interest to me whether it's
on the ham bands or not.

Paul Nelson W5GNF
Ames, Iowa

(DrHydro@ames.net)

Cessna 140 N77149

"When I go, I want to go quietly, in my
sleep, like my grandfather- not
screaming, like his passengers."

"More hay, Trigger?"

"No thanks, Roy, I'm stuffed."

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: "E. V. Sandy Blaize, W5TVW" <ebjr@worldnet.att.net>
Subject: BA Net frequency..
Message-ID: <19961113165952.AAB532@LOCALNAME>

Hello BA brasspounders!

There seems to be a consensus on the sometimes awful TV "buzz" on 3579.545 Khz! My suggestion is for VFO equipped stations to use 3579.0. this will help two things: the TV buzz will be 1/2 khz away, 'wide' receivers will be another 1/2 khz away from the W1AW "Bulletin Mill".

Also there are a few votes for 1995 khz on 160 meters. What say ye, all that are equipped for 160? If we can successfully used that frequency or one nearby, then the crystal controlled guys can get a rock for what ever 'works out'. At today's crystal prices, we don't want any 'false starts' if at all possible!
What say ye all?

73 & ZUT,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive,
Metairie, LA., 70001
ebjr@worldnet.att.net

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: Conard Murray <conard@tntech.campus.mci.net>
Subject: Re: BA Net frequency..
Message-ID: <1.5.4.32.19961113172349.006bd780@tntech.campus.mci.net>

At 11:01 AM 11/13/96 -0600, you wrote:

> Hello BA brasspounders!

>

> There seems to be a consensus on the sometimes awful TV "buzz" on
>3579.545 Khz! My suggestion is for VFO equipped stations to use 3579.0.
>this will help two things: the TV buzz will be 1/2 khz away, 'wide' receivers
>will be another 1/2 khz away from the W1AW "Bulletin Mill".

I think this is an excellent idea! Everyone please note this one.

> Also there are a few votes for 1995 khz on 160 meters. What say ye,
>all that are equipped for 160? If we can successfully used that frequency
>or one nearby, then the crystal controlled guys can get a rock for what
ever 'works out'.
>At today's crystal prices, we don't want any 'false starts' if at all possible!

> What say ye all?
>

I don't think there is a need to move from 1803.5 to 1995 just for the sake of moving. The only reason behind moving the 160 meter frequency was to take advantage of the cheap 1843.2 KHz computer xtals (\$1) on the market. Otherwise, we should stay put. The general consensus I have gotten from the crew is to give 1843 a go and see what happens. The qrm might be bad, but at least we will be away from the TV buzzsaw. I did send some feelers this morning to a couple of xtal companies to see if we can get a quantity discount on a experimenter-grade rock. More on this later.

>73 & ZUT,
>E. V. Sandy Blaize, W5TVW
>"Boat Anchors collected, restored, repaired, traded and used!"
>417 Ridgewood Drive,
>Metairie, LA., 70001
>ebj@worldnet.att.net
>
>

Likewise,
de Conard, ws4s
Conard Murray WS4S NNNOUTN Glowbugs Listowner
217 Dyer Avenue BA/GB net 1802.5/3579.5/7050 KHz
Cookeville, Tn 38501 conard@tntech.campus.mci.net
615-526-4093 Wise men still seek Him

- LICENSED ONLY TO EXTENT INDICATED ON CARTON -

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: BA-net, 12 Nov
Message-ID: <Pine.SUN.3.91.961113090442.14725C-100000@indy2>

Hi!

Well, *some* of the gang were active on 3.58 last night--I know 'cos I kept hearing random letters through the S9+++ TV buzz! But the only one I copied at all well was WS4S, and him only barely though the hash. *May* have heard "NA4G" and "W3KC," but dunno if it was to 'em or from 'em. I'm hoping I didn't step on anybody--10W not being much of a step but still....

(Sri abt my lousy copy, 4S--I was having to imagine about every other letter and it was way late for imagination!)

>Sigh< The very night I set aside for radioing, every TV in the neighborhood lights up! Didn't help that the OM had a brand new GameThing disc he was playing right overhead but so it goes--time for me to invest in a noise-eater. (D'ya think JPS will mind when I repaint it crackle black? <grin>)

73,
--Bobbi

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: "William C. Robbins" <billrobb@net-link.net>
Subject: Backup Hard Drives
Message-ID: <199611131231.HAA06903@serv01.net-link.net>

Thought I would stick this on here as a reminder. My hard drive crashed yesterday. All the folders from Boatanchors and others are all gone. All the hints about wrinkle paint, Heath gear I have wanted to buy, e-mail addresses, mods, etc. is gone.

It can happened so BACK IT UP.

Bill

William C. Robbins Heathkit Collector

billrobb@serv01.net-link.net

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: Re: Backup Hard Drives
Message-ID: <3289C81E.143F@ghgcorp.com>

William C. Robbins wrote:

> Thought I would stick this on here as a reminder. My hard drive crashed
> yesterday. All the folders from Boatanchors and others are all gone. All
> the hints about wrinkle paint, Heath gear I have wanted to buy, e-mail
> addresses, mods, etc. is gone.

And another comment: Make sure that your restore software works. I went to install a new hard drive a few days ago since this one is dying, and guess what: The backup software works well with WinDoze95 but the restore software crashes. I am now waiting two weeks for new software, and praying this H/D lasts that long.

73,
Ben
--

From the computer of	Collector of fine firebottle
Benjamin D. Hall, Houston Texas	equipment, as well as other things
BDHall@GHGCorp.com -or-	involving Earth, Air, Water, and
BHall@GP802.JSC.NASA.gov	Fire.

"When you clock the human race with the stopwatch of history, it's a new record every time."

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: WPUL1130@CONCENTRIC.NET (LLOYD A. SCOTT, JR.)
Subject: BOATANCHORS
Message-ID: <328b2f72.29816435@SMTP.CRIS.COM>

Greetings Gang; I am going to visit my Daugher and Son-In-Law
Thanksgiving in Austin, Texas. Any BA Stores or Surplus in
the Austin Area. Any information will be appreciated. Thanks and 73's
Lloyd
"Where Destructive Maintenance Is Our Most Important Product"

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: Rodger Singley <rbsingl@rs6000.cmp.ilstu.edu>
Subject: discrminator question
Message-ID: <9611131648.AA77996@rs6000.cmp.ilstu.edu>

I am doing some final "touch ups" to an SX-42 and I have a question on the FM detector. In the FM mode, there are two proper tuning spots either side of center. I have never used an FM receiver with this particular type of detector, however I feel that it seems to be operating as a slope detector instead of a discriminator. Tuning of the secondary of the discriminator xfmr does change the frequency at which the undistorted audio is received, but it still exhibits the "double spot" tuning with severe distortion tuned on the nose. Dual trace scope display of the plate signals of the 6H6 indicates two signals of equal amplitude which are in phase and tuning either side of center causes a decrease in the amplitude of both. Any comments and help on this discriminator stage are appreciated.

Rodger WQ9E
rbsingl@rs6000.cmp.ilstu.edu

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Chuck Penson <penon@sci.mus.mn.us>
Subject: DX-60 book. Who?
Message-ID: <328A191B.6781@sci.mus.mn.us>

Seems like I owe someone a copy of the DX-60B book, but I can't remember who...

My life is out of control.

--
Chuck Penson
WA7ZZE

penon@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: Eico 723 UPdate
Message-ID: <19961113.041036.4407.25.k7yha@juno.com>

Gang:

finally got a few minutes tonite to plub the little bestie in. The front neon lite glows and I have filaments in the 5R4 rectifier tube. No visable filaments in the 6CL6 osc or the 6DQ6 PA tube.

Go to the "TUNE" position, nothing shows on the grid current meter.

NO RF output at all and no indicaiton on the plate current meter.

I am supposing that you can actually see the filaments on the 6CL6 and 6DQ6 tubes. There is an 8 pin octal socket on the back of the chassis. Is there supposed to be a jumper on this socket to possibly connect HV and filaments to the two tubes?

There is also a slide switch on the back of the chassis. I don't know

which position this is supposed to be in for proper tuneup and operation.

HELP!!

73 rich K7YHA

PS: There seems to be a lot of suspect solder joints on the underside of the chassis. Looks like this was a kit radio, probably from the mid to late 60s. Sure do need some help.

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Albert S Woodhull <aswNS@hamp.hampshire.edu>
Subject: Re: Eico 723 Update
Message-ID: <Pine.SUN.3.91.961113190831.3702B-100000@hamp>

On Wed, 13 Nov 1996 k7yha@juno.com (Richard H. Arland) wrote:

> finally got a few minutes tonite to plub the little bestie in. The front
> neon lite glows and I have filaments in the 5R4 rectifier tube. No
> visable filaments in the 6CL6 osc or the 6DQ6 PA tube.
>
> Go to the "TUNE" position, nothing shows on the grid current meter.
>
> NO RF output at all and no indicaiton on the plate current meter.
>
> I am supposing that you can actually see the filaments on the 6CL6 and
> 6DQ6 tubes. There is an 8 pin octal socket on the back of the chassis.
> Is there supposed to be a jumper on this socket to possibly connect HV
> and filaments to the two tubes?

That's right. Pin 4 is B+ out for a modulator, and pin 6 is modulated B+ return for the final. Short them together for c.w. It looks like you also need to short together pins 1 and 5 to supply 6.3 VAC to the r.f. tubes.

> There is also a slide switch on the back of the chassis. I don't know
> which position this is supposed to be in for proper tuneup and
> operation.

The slide switch puts an extra 1000 pf in parallel with the pi-net output capacitor. You might need this on 80 meters to match a 50 ohm line. Up is open (no additional capacity), down is closed.

I've got a manual for this unit I could copy for you if you'd like.

73, Al N1AW

Albert S. Woodhull
Hampshire College, Amherst, MA
awoodhull@hamp.hampshire.edu
http://minix1.hampshire.edu/asw/

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: w4bld@juno.com (Robert B. Kerby)
Subject: Elmac 1470 Schematic Needed
Message-ID: <19961113.102428.5071.2.W4BLD@juno.com>

Hello Gentlemen of Fire - I have just repaired an Elmac 1970 thanks to the BA gang's help. Now I have an Elmac 1470 that is ailing. Does anyone have a schematic of this beast? I, in looking at it, notice that it looks a lot like the James 1050, DC power supply, but the 1470 has an AC power supply as well. Could it be that Elmac brought in the James version and changed the design or is it that James built the 1470 for Elmac. The two power supplies have an almost identical layout. Thanks for your help!
Bob

Robert B. Kerby - W4BLD
Post Office Box 991
Waynesboro, VA 22980 - w4bld@juno.com - (540) 942-4356
I collect Morrow, Elmac and Gonset. I frequent the AM Swap Net on 3885 on Thurs
at 1930 and 3865 nets on Wed and Sat at 2000. Try the DX-60 Net on 7290 Sun at 1400!

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Fine BA/GB gathering last nite!
Message-ID: <9611131629.AA114122@csemail.cropsci.ncsu.edu>

Well, the Ol' BA/GB ``net'' gathering was quite good last night. There were 14 checkins! Kudos to all those who dusted off their fine glowingespitzengesparkenradiomaschinen and joined in on the fun. It was a North American run with VE/VA/2/3/4/5/and 7 land present. Transcontinental on a puny HW-16 to a 2NT means the band is pretty good on the ol' 80M QRG. Conard's fine lil 6Y6 puffer was cuttin' some mean holes in the ether. See ya there later!

73/ZUT DE NA4G/Bob UP

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996

From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: Re:FS Books, Orr, Marcus, Terman, Beitman
Message-ID: <A4389ZWOND6RYW*/R=OUVAXA/R=A1/U=POST/@MHS>

Please no more requests for these! All of the books have been sold. Will contact individuals after 5PM EST this evening.

Rich

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: "Gustavson, William R." <wgustavs@sidley.com>
Subject: FS halli SX-25 WTB S-29 or S-39
Message-ID: <3289F10E@mailhost2.sidley.com>

In response to an ad I'm running for a halli S-29 or S-39 battery AC/DC shortwave I got a call from a guy in Missouri who has an SX-25 to sell

He says it works, has the matching speaker and has manual. The S-meter is broken. His name is Doug and his number is (816) 229-7225. If anyone is interested in it, call him direct. I don't know the guy so caveat emptor.

BTW, if anyone has a S-29 or S-39 for sale, please let me know.

Bill N5YGM
Dallas, Texas

wgustavs@sidley.com

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: rlahlum@juno.com (Ross J Lahlum)
Subject: FS: Books
Message-ID: <19961113.102710.10598.0.rlahlum@juno.com>

No response to my posting, so I will try again with reduced prices (I will also consider offers):

Gotta make some room on the bookshelf, so I'm reluctantly letting these go!

Radio & related books for sale:

Ghirardi, Modern Radio Servicing, 1st ed., 1935, Excellent cond.
\$40.00 - now \$25.00

Langford-Smith, Radiotron Designer's Handbook, 3rd ed., 1941, VG cond.

\$30.00 (note this is not the big red one, but the earlier, thinner black book) - now \$20.00

Cooke, Mathematics for Electricians & Radiomen, 1st ed., 1942, Excellent cond., \$25.00 - now \$15.00

Protter, Calculus With Analytic Geometry, 1963, Excellent cond., \$20.00 - now \$10.00

Prices do not include shipping

Ross KB9JJR
rlahlum@juno.com
Mt. Prospect, IL

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Gordon Smith <glsmith@holli.com>
Subject: Gonset xmtr
Message-ID: <199611132150.QAA24016@teak.holli.com>

I saw a posting at work from a fellow Delco Electronics employee who has a Gonset "GSB100 I think". He says it worked the last time he tried it out (maybe 5 years ago), however, it has a blown power transformer which he worked around with a transformer from a TV set. He told me it is in good mechanical condition. If anyone is interested in this thing, send me an e-mail, and I'll try to get more info. I believe he'll let it go for a very reasonable price. 73 de WA9SLU

WA9SLU WPE9IJX 1983 Honda GL650 Silverwing
Regards from the "Silicon Flood Plain" (tm) of Kokomo, In.
(home of Delco Electronics and the "Steer and the Stump"
ask me if you want more info :))
glsmith@holli.com

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: Robert Nickels <ranickel@mwci.net>
Subject: Hardware oddities
Message-ID: <328958FC.379F@mwci.net>

Hi all,

I'm looking for a couple of oddball pieces of hardware, if anyone has the following rattling around in their junk box:

1. Remember the adjustable tilt base for the SX-42? I've got the

metal stand, but need the knurled nut gizmo that you use to crank the front up and down. If you've got one, you probably know what it looks like...

2. I need a mike stand adapter for RCA mikes. The adapter (63 cents in 1968 Allied cat.!) has 1/2" male threads on the outside and standard 5/8"-27 female threads on the inside.

Will buy or swap - thanks and 73,

Bob W9RAN
ranickel@mwci.net

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: Chuck Penson <penon@sci.mus.mn.us>
Subject: Re: Heath Receiver???
Message-ID: <3289DAC4.1FEF@sci.mus.mn.us>

mack@mails.imed.com wrote:

>

> A buddy has a mystery receiver "out back" that he says is a HB-108 if
> I remember correctly. He says it *definatly* uses fire bottles and
> is from the mid 70's time frame. Does anyone have any idea what he
> might *really* have?

Maybe the HD-10B...your buddy may need glasses :)

--

Chuck Penson
WA7ZZE

penon@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: michael.hopkins.1171@corvus.com (Michael Hopkins)
Subject: Re: Heath RX - mod HR-10B
Message-ID: <96111317042831428@corvus.com>

PE>Subject: Re: Heath Receiver???

PE>mack@mails.imed.com wrote:

PE>> A buddy has a mystery receiver "out back" that he says is a HB-108 if
PE>> I remember correctly. He says it *definatly* uses fire bottles and
PE>> is from the mid 70's time frame. Does anyone have any idea what he
PE>> might *really* have?

PE>Maybe the HD-10B...your buddy may need glasses :)

PE>Chuck Penson PE>WA7ZZE

de ab5l -- Chuck Penson literally wrote the book on Heathkits, but he
must not have typed it. Surely he means the Heath HR-10B, an early '70s
ham band RX and companion to the DX-60 Series of TXs. It has a 1650KC
IF and a 3KC xtal filter. It is great for AM and lesiurely SSB and the
new SCAF and DSP filters make it perform on CW up thru 20M. My son,
KC5FDL, has one and likes it fine. I replaced its 6X5 with a VR. Such
items sell in Dallas area sales in the \$30-50 range -- more than a DX-60

* SLMR 2.1a *

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Steve Miller <smiller@motown.lmco.com>
Subject: Re: Heath stuff value, Part 2: TMC GPR 90
Message-ID: <199611131942.0AA17321@bear.motown.lmco.com>

Many thanks to all who resposed to my request for Heath stuff value.

I have a pretty good idea of what the market is and I'll keep
everyone posted on what happens if anything to this stuff.

A couple of more items:

HP-13A

HW-22A for forty meters

and at the bottom of the pile a TMC GPR 90 in dirty
but complete condition.

Boy, you never can tell what will turn up in one of these deals.

Any advice on what the remainder of these items is worth would
be appreciated. I am especially curious about the TMC GPR 90.

It's a fascinating receiver.

Thanks

Steve Kd2Ed

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: mack@mails.imed.com
Subject: Heathkit/Eico GDO
Message-ID: <9610138479.AA847907371@mails.imed.com>

Someone else was looking for info on the top band "coil" for the GD1 grid dipper. This seems to be the first one to get lost since mine is missing, too. If someone could give us some physical dimensions it would be greatly appreciated. This should not be a hard coil to reproduce. I am also missing the bottom band coil. Does someone have any idea what value of micro henries is appropriate?

I also have a set of Eico GDO coils but no GDO. Open for trade or sale if someone needs these.

Ray Mack
WD5IFS
mack@mails.imed.com
Friendswood (Houston), TX

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: Nick England <nick@cs.unc.edu>
Subject: Here a Viking, there a Viking
Message-ID: <199611131344.IAA01838@altair.cs.unc.edu>

E.F. Johnson actually used the "Viking" name for most all of its ham gear and the "official" names are:

Johnson Viking Transmitter (Viking I)
Johnson Viking II Transmitter
Johnson Viking Mobile Transmitter
Johnson Viking Valiant
Johnson Viking Valiant II
Johnson Viking Ranger
Johnson Viking Ranger II
Johnson Viking 500
Johnson Viking Kilowatt
etc.

The confusion is that the original transmitter wasn't a Viking Berserker or something similar, just a Viking Transmitter. I guess that's what happens when success overwhelms your ability to think about the future.

73 & have fun,

Nick KD4CPL

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
http://www.cs.unc.edu/~nick Chapel Hill NC

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: James Millen
Message-ID: <Pine.SUN.3.95.961113103700.21811A-100000@coyote.rain.org>

The last time I talked to them, "James Millen" was known as "Unadilla/Millen" (previously Caywood Electronics). 16 Hansom Rd, Andover, MA 01810. Run by Ralph Jannini, KA1FAA. The latest phone number I have is (508) 975-2711. At the time we talked, he still had RF chokes (I got some!), some of the variable caps, the grid dipper (solid-state), and antenna bridge. Not sure what else he had, so give it a try and see what happens. (He may also have been "Antennas, Etc." for some time, based on the brochure copy I received.)

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA ex-W6RIC

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: standard@pcs.mb.ca
Subject: James Millen ??
Message-ID: <199611131434.IAA03916@pcs.mb.ca>

Is James Millen Company still in businesss? If you know the address or phone number please forward it to me, its not in QST.

I'm looking for the "saftey connector" for the back of a Swan MK II linear, the male end for the high voltage lead.

thanks in advance

Gary Smith VE4YH

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: standard@pcs.mb.ca
Subject: James Millen Parts!!!
Message-ID: <199611132235.QAA09749@pcs.mb.ca>

Thanks a bunch to another group member, I found a source for parts for the James Millen saftey connector. "THEY"RE IN STOCK"

James Millen Electronics
PO BOX 4215
Andover MA
91810-0814

andover_@interloc.com

He's in the process of putting together a web page, but is not ready yet.
You can e-mail him however.

73
Gary Smith

PS

He's already got the call from someone else regarding 2 of the same item!

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: MODSTEPH@ACS.EKU.EDU
Subject: Johnson 122 VFO mods?
Message-ID: <01IBSGAZCSJM0030QU@ACS.EKU.EDU>

In working on the Johnson VFO to put with the Viking II I noticed a mention in the manual of a modification which would change it to grid block keying. It refers to an adendum sheet which went with the Viking II manual, but my copy of the latter does not have this.

Anyone out there fix me up with a copy of the grid block keying mod for the johnson VFO, to go with the Viking II?

Thanks in advance...

73, Al N5AIT
modsteph@acs.eku.edu

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Terry Burge <terrybu@netman.ENS.TEK.COM>
Subject: Johnson Viking Valent
Message-ID: <9611131927.AA22986@netman.ENS.TEK.COM>

Gang,

Wow, I mean thanks. I have received alot of email explaining what I was asking about is a Viking Valiant(probably Valiant I) with it's two 6146 modulators and three 6146 PA tubes. It needs an external SSB generator to work that mode but AM/CW it will do (about 250-275 watts input). Since it appears to have a more square meter than the pictures on the back of the manual shows for Rangers and Vikings and such I think that has been changed. Kind of looks like someones parts rig they put back together but I'll check it out more thoroughly. THANKS FOR THE HELP AND EDUCATION! Having started out in SWL'ing in '65 and finally getting my license in '77 I haven't had alot of experience with the '50's transmitters. Love the receivers tho.

Thanks folks. Hopefully by the end of the day I'll get thru all the email...HI HI.

Terry
KI7M

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: michael.hopkins.1171@corvus.com (Michael Hopkins)
Subject: lesson learned re H0-13
Message-ID: <96111317042931429@corvus.com>

The Heath H0-13 with burned up Tsfmr sold almost immediately for the asked price. Many of the subsiquent replies complained that they did not get a fair chance at it for a multitude of reasons. Sounds fair.
>From now on I will offer the things I gleen from Dallas area sales for best offer in 48 hours to give everyone a chance.

73 ex tnx all the notes, ab51

NS>Thanks to you all again,

NS>72

NS>Niel

NS>PS CA-0 TX-0 sri.. :-)

NS>-----
NS>Niel Skousen; S.Eng, SCIENTECH.SPG nskousen@scientechnology.com
NS>208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119
NS>-----DN33wm- . . . ---

* SLMR 2.1a *

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: Jack Harper <jharper@bs2000.com>
Subject: Magnetron Specs...
Message-ID: <199611131548.IAA04320@lynx.csn.net>

Greetings All...

I recently obtained a magnetron (Thank You Gary!) (NOS -- circa, I think,
barely post-WWII -- still in the original wrapping -- marked "Confidential")...

Does anyone have a datasheet on a General Electric GL-5J29?

Any information at all would be greatly appreciated. Maybe I will go crazy
and try to 'illuminate' the moon or something...

Regards

Jack, KC0LR (Friend to all things Hammarlund)

Jack Harper Bank Systems 2000, Inc.
e-mail: jharper@bs2000.com 350 Indiana Street, Suite 800
voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80401 USA

"21st Century Financial Applications"
Optical Cards for Bank, EBT, and Medical Applications
Visit our Web Page: <http://www.bs2000.com/talos> (Last Update: 960926)

1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
Key available from Public Key Servers and above Web Page

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: Millen (update, email address)
Message-ID: <Pine.SUN.3.95.961113105703.26826A-100000@coyote.rain.org>

Current mailing address is: P.O. Box 4215
Andover, MA 01810-0814
Email: <andover_@interlock.com>

(I called him to confirm the info. He mentioned that he still has a few of the Millen modulators, a couple of old used Millen transmitters, and one of the VFO's that is missing the "pigtail". The modulators are NOS, and I think he sold one recently for around \$250. This stuff isn't cheap, but at least it's *available*. He does not have a list of available items set up for email distribution; suspect a number of inquiries might motivate him to get one set up.

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA ex-W6RIC

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: mack@mails.imed.com
Subject: Mystery Receiver Revisited
Message-ID: <9610138479.AA847903333@mails.imed.com>

Well the votes are in. Just about everyone questions my buddy's eyesight :<) The consensus is that he has an HR-10B. If the light wasn't quite right (and it wasn't) it would be easy to change the R into a B and the B into an 8. He described it but it didn't really sound like an HR-10 at the time. Now I'm more sure that's what it is.

Won't that be a hoot. I have been looking for one for 2 years and finally found one at Belton. Now I may end up with 2 of them. If that's the case, I'll have a complete HR-10B,DX-60B, HG-10 station

for sale in the spring.

Ray Mack
WD5IFS
mack@mails.imed.com
Friendswood (Houston), TX

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: billo@nti.net (Bill Wilson)
Subject: NC-300 Converter box sold & 3579 tonight
Message-ID: <19961113055258569.AAA146@LOCALNAME>

The NC-300 conveter box is spoken for, thanks to all that replied.

I had a short but fun time on the BA CW net on 3579 this evening. I had just connected all the cables on a new combo in the shack and heard Bob, NA4G at 599. Things were a mess and the J-38 only had a 2 foot cord on it and had to sit on top of the transmitter which is on the second shelf on the desk. The transmitter used tonight was the CEI 100V (# E-971) and the RX was the 75A4. Well I just threw in the call and made a couple of choppy transmissions. I had a little trouble with the sidetone, it kept on wanting to go up and down in frequency...I hope my transmit signal did not move around like that! Anyways it was a fun time and I'm looking forward to trying this again soon (got to work on my CW!).

73 from Jacksonville, Al.

Bill
AC4LC

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: w4bld@juno.com (Robert B. Kerby)
Subject: Need Book on Morrow 5BR2
Message-ID: <19961113.123206.5071.7.W4BLD@juno.com>

I just got one of these from Gene Rippen. Does anyone have a book on this converter? THANKS, Bob

Robert B. Kerby - W4BLD
Post Office Box 991
Waynesboro, VA 22980 - w4bld@juno.com - (540) 942-4356
I collect Morrow, Elmac and Gonset. I frequent the AM Swap Net on 3885 on Thurs
at 1930 and 3865 nets on Wed and Sat at 2000. Try the DX-60 Net on 7290

Sun at 1400!

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: afpgreg@state.me.us (Paul V. Gregory)
Subject: need 8-pin female Jones (Ms. Jones?) plug
Message-ID: <199611131543.KAA17607@gatekeeper.ddp.state.me.us>

Ahoy,
I need a female Jones plug in the following configuration:

- - | |
- - | |

I've got a gaggle of males of above config. Will trade several males
to ur one female or I will buy outright.

tnx de KB1AOC, Paul
email: afpgreg@state.me.us

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: rlahlum@juno.com (Ross J Lahlum)
Subject: rlahlum: FW: FS: Sams Photofacts
Message-ID: <19961113.102710.10598.1.rlahlum@juno.com>

I got no response to this posting, so I will ask one more time for
offers, then dump after a week:

I have a 56 Sams Photofact folders ranging from folder # 191 (1953) to
385 (1958) (plus an outlier, # 477 (1960)). Condition is good,
although there may be a couple of items missing (I'd say 10-20 out of
several hundred).

Would like to sell as a complete lot - \$100 or best offer, plus
shipping.

Ross KB9JJR
rlahlum@juno.com

----- End forwarded message -----

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: "Lon W. Cottingham" <k5jv@swwweb.net>
Subject: Ronnie WB5AIA's Ranger II jumber problem
Message-ID: <199611131648.KAA05251@uro.theporch.com>

Ronnie,

Check your E-Mail address in your posting. I have tried several times to respond to your inquiry about jumpers on P3 of the Ranger II.

73 de Lon W. Cottingham, K5JV
1110 Golden Bear Ln.
Kingwood, TX 77339
713-358-4207 713-358-4234 FAX

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: wb6zwc@ns.net
Subject: shoaded pole motors
Message-ID: <199611130454.UAA15231@tomcat.ns.net>

At 08:46 PM 11/12/96 -0700, you wrote:

>As wb6zwc@ns.net discourses

>

>Yes, if the coil/armature is symmetrical on both sides, you can turn
>it around and remount the armature bearing holders. Watch for
>problems with the coil wires, unless these come out in the same plane
>as the armature laminations.

>-----

Hank, thanks for the reply. I have been working on both motors all evening and have a cut finger to prove it. Both motors are now running in the CCW direction. The changing of the rotors did not do the trick. I had thought the rotor laminates would be the key to direction. I finally pulled the core from the frame and installed it backwards. Everything looks good so far. I have one running unloaded as the motors wants to run hot. They are thermo protected.

=====

>The shaded pole setup is very common in small motors. The "shades"
>are shorted-turn loops that prevent flux density from rising in the
>section of the armature they are wrapped around. This causes the
>magnetic field to "walk" in time as each half-cycle magnetizes the
>core, giving a starting torque. Physically turning the core around
>will put the shades on the other side, so the rotor will turn in the
>opposite direction. The amount of starting torque is quite low, so
>these motors should be started essentially unloaded, the type of load
>presented by a fan.

>=====

These are blower motors. 1/100 hp at .61 amps. The unloaded motor is drawing .58 amps but it sure gets hot. It is difficult to touch but seems to be within specks.

They are rated at 115 vac so I thought that my 123 vac was to high and I calculated a dropping resistor. When the ammeter was put in the circuit I expected greater than .61. I guess they are designed to run very hot.

=====

- >Shaded pole uses no switch, but the shades cause losses while running.
- >Probable cause of "cooking" the old motors was failure to come up to
- >speed. Current draw goes down, and torque increases---both quite
- >dramatically---as you approach synchronous speed.

>=====

As we speak the current draw is down to .48 amps and I cannot touch the unloaded motor.

I tried a new motor out of the box and in a few minutes I was unable to touch the frame.

WHAT IS WRONG WITH THESE MOTORS OUT OF THE BOX? I SHOULD NOT BE HAVING THIS PROBLEM!

Seems like I am going to have to rethink this whole thing. I cannot have blowers shutting down during operation or at idle.

I had postulated WABD in Mississippi trashed the transmitter because of melted 4-400's as the blowers thermo protect functioned in and out. Especially if it was a remote transmitter. They would run to the transmitter building to find all was well except for several melted 4-400's.

=====

Thanks again--back to the work shop--tv is terrible tonight.
Richard@Sacramento

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: Re: shoaded pole motors
Message-ID: <3289BCE3.2711@ghgcorp.com>

wb6zwc@ns.net wrote:

- > As we speak the current draw is down to .48 amps and I cannot touch the unloaded motor. I tried a new motor out of the box and in a few minutes I was unable to touch the frame.
- > WHAT IS WRONG WITH THESE MOTORS OUT OF THE BOX? I SHOULD NOT BE HAVING THIS PROBLEM!

Hi Richard, when you say you are running them unloaded, I take this to mean that there are no fan blades mounted on them. I'd bet that they are designed (since they are blower motors) to have a fan blade on them

at all times to provide cooling. FWIW, the shaded pole deals I've toyed with in the past do seem to run hot, but not so hot you couldn't touch them. Let us know if putting the fan blades on it makes it run cooler.

(some shaded pole motors I've seen in squirrel cage blower service even have little cooling fans mounted on the back end.

Thanks and 73,

Ben

--

From the computer of	Collector of fine firebottle
Benjamin D. Hall, Houston Texas	equipment, as well as other things
BDHall@GHGCorp.com -or-	involving Earth, Air, Water, and
BHall@GP802.JSC.NASA.gov	Fire.

"When you clock the human race with the stopwatch of history, it's a new record every time."

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996

From: Ronnie Hull <larebel@ms1.nwla.com>

Subject: Some BA goodies..

Message-ID: <1.5.4.16.19961113193121.082f770a@ms1.nwla.com>

Okay fellers, I've been helping an old ham friend of mine clean out his shack for a month or so when he had time. He is moving into a retirement home. Today, I dragged out a Swan 250C that is complete. There is a rumor that the power supply is somewhere in the mess we've been cleaning out.

I have something that looks like a signal generator, made by RCA, that is called a Ryder Channelyst.... complete, clean, all the leads, no manual. It comes on without any smoke...

Two Astro 210BX's that are in sorry shape.. nuff said..

A huge box of tubes. 4 of them look like huge solid state replacements for Mercury Vapor tubes or some such, they are brand new, still in wrappers and boxes, the part numbers are STR4B32. I also have 8 or 10 1n2637 solid state replacement for 866's. Not exactly boatanchor stuff but hey, someone may want it. Lots of other tubes, new in military boxes...

A BC779 clean as a pin

A huge pile of BC610 tuning units...

And, way in the back, I see 4 or 5 receivers.. hopefully we'll work our way back there tomorrow.

anyone interested in this stuff?

Ronnie - WB5AIA

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: "Unger" <junger@usgs.gov>
Subject: Re: SP-600 & 25 Hz transformer
Message-ID: <961113091911.ZM29006@junger6141>

On Nov 12, 2:18pm, mknudsen@lucent.com wrote:

> Subject: Re: SP-600 question (yet another...)
> To: boatanchors@theporch.com
>
> Bob Fowle asked me to post this info on the SP-600-37.
> Looks like the original poster has a really nice set on his hands,
> being a 25-cycle -21.
>
> >From hammarlund@jacksonmi.com Tue Nov 12 13:10 CST 1996
>
> The factory info says:
>
> JX-37
> This receiver is same as JX-21 except for the 25 cycle power supply.
> Receiver uses side brackets Pt. No. 31146-2 & 3, chassis plate P-31420-2,
> transformer Mtg. plate K-31481-1, power transformer P-31029-3 and cover
> plate assembly P1-31476-2.

I checked the power transformer in my SP-600-JX-37 last night and it is a genuine Hammerlund 60Hz transformer, Pt. No. 31029-2. I could find no evidence that this was a replacement transformer; e.g., all the solder joints for wires soldered to the windings underneath still have the same sort of varnish-looking coating on them that the rest of the rcvr has. So the mystery grows...

Another question: I've gotten a Radio Shack transformer to convert the 600 ohm audio output to an 8 ohm speaker. The only one that they had that looked beefy enough is advertised as a "70-volt" audio transformer

used to drive a group of speakers. It has a number of taps on the primary and 4, 8, and 16 ohm output taps on the secondary. I connected it using the highest primary impedance (measured with a DC ohm meter), it seems to work fine. My question is, has anyone actually measured the true input impedance on this transformer, and what is it?

tnx es 73 - John, W4AU (the ham formerly known as W3G0I for ~40 years..)

--

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996

From: Bob Roehrig <broehrig@admin.aurora.edu>

Subject: Re: SP-600 & 25 Hz transformer

Message-ID: <Pine.ULT.3.95.961113174756.3173A-1000000@admin.aurora.edu>

On Wed, 13 Nov 1996, Unger wrote:

> Another question: I've gotten a Radio Shack transformer to convert the
> 600 ohm audio output to an 8 ohm speaker. The only one that they had
> that looked beefy enough is advertised as a "70-volt" audio transformer
> used to drive a group of speakers. It has a number of taps on the
> primary and 4, 8, and 16 ohm output taps on the secondary. I connected
> it using the highest primary impedance (measured with a DC ohm meter),
> it seems to work fine. My question is, has anyone actually measured the
> true input impedance on this transformer, and what is it?

Someone had this info a few months ago here. I don't remember what the correct taps are, I usually use a 12V filament transformer.

The best way to tell, is apply low voltage AC to one winding and measure the voltage on the other taps. Once you get the voltage ratio, you can figure out the impedance ratio. You are looking for an approximate 10:1 ratio.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996

From: "Walter Fairclough" <wfairclo@netcom.ca>

Subject: Stop the Press!

Message-ID: <199611140053.TAA16187@tor-srs1.netcom.ca>

Sorry everyone. My previous message "Wanted SX-42 Mint or Junker" was an error on my part. Must have had some hot flashes or something but I'm

actually looking for an SX-43.

New message to follow.

Walter

Walter Fairclough
Manotick, Ontario
wfairclo@netcom.ca

From boatanchors@theporch.com Wed Nov 13 11:55:32 1996
From: bgraham@tecnet1.jcte.jcs.mil
Subject: Re: Subject: Military manual TM numbers
Message-ID: <199611130931.EAA27436@tecnet1.jcte.jcs.mil>

Mime-Version: 1.0

for the tv-7 they are
TB 11-6625-274-12/1 small book of settings that fits in cover
TM 11-6625-274-12 operator tm (very little info, no settings)
TM 11-6625-274-35 maintenance tm

73

Bill

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Ronnie Hull <larebel@ms1.nwla.com>
Subject: The Ranger Woes...
Message-ID: <1.5.4.16.19961113192318.082f09c0@ms1.nwla.com>

...are cured!! thanks fella's. The jumpers fixed the little rig up.
She works like a champ! Now, if I can just get the shack finished (I'm
building a 12X20 shack) I'll be on the air!!!

Now... If I could just get my R391 working....

Ronnie - WB5AIA

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: Re: TV-7 Parts

Message-ID: <Pine.OSF.3.91.961113172451.11806C-100000@beall.tenet.edu>

Does anyone have a good e-mail or snail mail address for Daniel Nelson the TV-7 guy? He e-mailed me and I cannot reply to his message. I keep getting bounced mail - been going on for several days. The address I have is djn@indirect.com.

Thanks for the help.

Lenox Carruth, WA50VG
klccarru@tenet.edu

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: pmills@A.crl.com (Phil Mills)
Subject: UPS Versapak shipping of BA's
Message-ID: <199611140016.AA23432@A.crl.com>

After seeing a favorable review of UPS Versapak on rec.radio.swap by Sound Impressions, the outfit up in Dallas that distributes Jay Miller's Collins pocket guide and Collins calendar, I decided to look into it. I had a moderately valuable BA to ship today so I took it to the UPS center that did this packing. First, I went in and got a description of it and looked at pricing, then, I brought the receiver in. I stayed around to watch and assist as it was packed. The clerk first wrapped several layers of the small bubble wrap to protect the knobs on the front. Then she wrapped the whole thing in two layers of plastic....this is to protect the unit from both the foam and moisture. She took the box over to a hopper and dumped in a bunch of foam pellets which she misted with water from a spray bottle and then stirred around and packed down. She continued this until she had about a 5 inch layer in the bottom of the box. We placed the receiver in the box centered on this layer. She continued to pack the rest of the box by adding pellets, spraying, mixing, and packing. The result is something akin to styrofoam peanuts except they are glued together into a solid, unshiftable mass. To remove the receiver, the foam will literally have to be ripped apart....no loose peanuts! I had selected the largest box and packing they did with a total cost of about \$22 for the box and the packing. I paid the normal shipping charges on top of that. I would have easily spent \$22 to bubble wrap and double box the unit had I done it myself. Also, according to Sound Impressions, if it gets trashed, you have no problems with UPS about it not being packed properly...they simply pay the full declared value.

I think that in the future, I will probably continue to pack smaller and less valuable items myself. But, for the big important ones, I'm

going to let UPS do the whole thing. Also, I'm going to start checking with packing materials suppliers to see if this can readily be purchased for home use since it is so easy.

thanks & 73,
Phil

.
Phil Mills, AB5TH ***** Wanted --- 1957 ARRL Handbook *****
pmills@a.crl.com
713-992-5762
Friendswood, TX (south of Houston)

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: "Walter Fairclough" <wfairclo@netcom.ca>
Subject: Wanted SX-42 Mint or Junker
Message-ID: <199611132043.PAA12748@tor-srs1.netcom.ca>

Looking for a Hallicrafters SX-42 either mint or junker. Mint must be mint and junker must have all original parts.

Also need manual for SX-42 (will pay repo and shipping), a working S meter and a main dial cover for an SX-42.

Please email if you have any of the above.

Thanks and regards to all.

Walter

Walter Fairclough
Manotick, Ontario
wfairclo@netcom.ca

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: "Walter Fairclough" <wfairclo@netcom.ca>
Subject: Wanted SX-43 Mint or Junker
Message-ID: <199611140056.TAA17011@tor-srs1.netcom.ca>

Looking for a Hallicrafters SX-43 either mint or junker. Mint must be mint and junker must have all original parts.

Also need manual (will pay repo and shipping), a working S meter and a main dial cover.

Please email if you have any of the above.

Thanks and regards to all.

Walter

Walter Fairclough
Manotick, Ontario
wfairclo@netcom.ca

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: owens@stout.atd.ucar.edu (Chip Owens)
Subject: WANTED: Measurements Model 59-LF oscillator & coils
Message-ID: <199611131923.MAA09665@atd.atd.ucar.EDU>

Looking for the Low Frequency oscillator that covers the range of (approx) 450kHz to 4.5MHz. This is the famous "Megacycle Meter" introduced in 1948. There is a set of 4 plug-in coils that covers this frequency range. The dial on the oscillator is supposedly calibrated to the plug-in coils for accurate readout of frequency. I don't need the power supply/metering box-just the oscillator unit and coils. The part no. for the oscillator is: 59-LF

Have the following items for trades:

manual (photocopy) for the Measurements "Megacycle Meter" grid-dipper
spare coils for the 5-20MHz range
wooden coil tray for above

also have for trades:

100W modulation transformer, pri. 7250 ohms C.T./ 200mA sec. 5000 ohms/200mA

Chip Owens, NW00
owens@stout.atd.ucar.edu

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Chuck Penson <penon@sci.mus.mn.us>
Subject: WTB: Geiger tube
Message-ID: <328A1A90.282@sci.mus.mn.us>

Am trying to bring a wonderful old "BA" Nuclear Chicago Geiger counter back to life and I need a detector tube. Almost any variety will do.

Talk about "radio active"!

Thanks!

--

Chuck Penson
WA7ZZE

penson@sci.mus.mn.us
612.221.4510 voice
612.224.5092 fax
<http://comped.sci.mus.mn.us>

Standard Disclaimer: The opinions expressed are etc. etc. ...

"Nothing is too wonderful to be true" -- Michael Faraday

From boatanchors@theporch.com Wed Nov 13 19:37:28 1996
From: Richard Hager <rhager@millcomm.com>
Subject: Re: WTB: Geiger tube
Message-ID: <328A50F6.6120@millcomm.com>

Chuck Penson wrote:

>
> Am trying to bring a wonderful old "BA" Nuclear Chicago Geiger counter
> back to life and I need a detector tube. Almost any variety will do.
> Talk about "radio active"!
> Thanks!
> Chuck Penson--

Chuck,

I -just- saw these listed somewhere! Victoreen brand, right? You might check the Bell Jar page, or do an Alta Vista search. I saw them not more than 2 weeks ago, pretty reasonable too as I recall. \$15-20 or something. Good Luck!

Richard Hager

+ Ah-ha! Design Group, Inc. -
+ Precision CNC Technology, since 1991 -
+ 612-641-1797, Fax: 612-641-8681 -
+ "I just like to build stuff" So... -
+ for CNC info, don't email me, call -
+ or email Ah-ha! directly. Thanks! -
+ www.gdic.com/ahha email: ahha@gdic.com -